

WHAT IS CLAIMED IS:

1. A device for testing the operation of a modem in a computer, the device comprising:
5 a case;
a first communication port attached to the case; and
a signal reporting circuit located within the case and coupled to the first communication port, the signal reporting circuit configured to test the transmit capability of a modem in a computer.

2. The device of claim 1 further comprising a second communication port
10 coupled to the signal reporting circuit.

3. The device of claim 1 wherein the signal reporting circuit comprises a microprocessor and an analog to digital converter coupled to the microprocessor and the first communication port.

4. The device of claim 1 wherein the signal reporting circuit comprises a microprocessor and a modem coupled to the microprocessor and the first communication port.

15 *Subj.* A method of testing the operation of a modem in a computer using a portable modem testing device, the method comprising:
coupling the modem in the computer to the portable modem testing device;
20 initiating transmission of test data from the modem;
receiving the transmission from the modem at the portable modem testing device; and
verifying the transmission.

25 6. The method of claim 5, further comprising:
coupling the computer to the portable modem testing device via an alternate communication link; and
after the portable modem testing device has received the transmission from the modem, transmitting a signal from the portable modem testing device to the computer via the alternate communication link.

7. The method of claim 6, further comprising:
sending a signal from the portable modem testing device to the computer
via the alternate communication link to initiate testing the operation of the
modem in the computer.

5 *Sub 3* A method of testing the operation of a modem in a computer using a
portable modem testing device, the method comprising:

coupling the modem in the computer to the portable modem testing
device;

10 initiating transmission of test data from the portable modem testing
device;

receiving the transmission from the portable modem testing device at the
modem; and

verifying the transmission.

9. The method of claim 8, further comprising:

15 coupling the computer to the portable modem testing device via an
alternate communication link; and

after the modem has received the transmission from the portable modem
testing device, transmitting a signal from the computer to the portable modem
testing device via the alternate communication link.

20 10. The method of claim 9, further comprising:

sending a signal from the portable modem testing device to the computer
via the alternate communication link to initiate testing the operation of the
modem in the computer.

25 *Sub 4* A method of testing the operation of a modem in a computer using a
portable modem testing device, the method comprising:

coupling the modem in the computer to the portable modem testing
device;

initiating transmission of test data from the modem;

30 receiving the transmission from the modem at the portable modem
testing device;

verifying the transmission;

3
Cont.

initiating transmission of test data from the portable modem testing device;

receiving the transmission from the portable modem testing device at the modem; and

5 verifying the transmission.

Add
G1